

DERWENT-ACC-NO: 1998-425806

DERWENT-WEEK: 199836

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TITLE: Production of biologically active substance having antimicrobial property, etc. - involves preparing aqueous extract of plant raw material by separate organic solvent extraction of each component or mixture of components

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PRIORITY-DATA: 1994RU-0025595 (July 7, 1994)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	
MAIN-IPC				
RU 2102077 C1	January 20, 1998	N/A	010	A61K
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APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
RU 2102077C1	N/A	1994RU-0025595	July 7, 1994

INT-CL (IPC): A61K035/78

ABSTRACTED-PUB-NO: RU 2102077C ✓

BASIC-ABSTRACT:

Production of a biologically active substance (BAS) having antimicrobial, phagocytic, mitotic and antioxidant properties involves preparing an ether (sic) concentrate by mixing peppermint and/or fennel, caraway, anise, dill, coriander, bergamot, lemon, orange, eucalyptus, santal, ylang-ylang, nutmeg-sage, fir, rose, lavender and dianthus oils and an aqueous extract of plant raw material (PRM) obtained by extraction of BAS from PRM containing artemisia grass, peppermint leaves, common birch pistils, liquorice roots, St. Johns wort grass, thyme grass, yarrow flowers, calendulin flowers and greater celandine grass, at a water to grass ratio of at least 50 g/kg. The ether concentrate, the aqueous PRM extract, glycerol, aqueous ammonia and an emulsifying agent are then mixed in amounts of (g per kg of product): at least 3.0 ether concentrate, at least 3.0 glycerol, at least 3.0 emulsifying agent, at least 5.0 aqueous ammonia and aqueous extract to 1 kg of product. In production of the aqueous extract of PRM each component or a mixture of components is extracted separately in an organic solvent with subsequent removal of the extractant, filtration, and combining of the extracts, when these are prepared separately and dilution with distilled water.

ADVANTAGE - The substance has improved purity.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: PRODUCE BIOLOGICAL ACTIVE SUBSTANCE ANTIMICROBIAL PROPERTIES
PREPARATION AQUEOUS EXTRACT PLANT RAW MATERIAL SEPARATE ORGANIC
SOLVENT EXTRACT COMPONENT MIXTURE COMPONENT

DERWENT-CLASS: B04

CPI-CODES: B04-A10; B14-A01; B14-S08;

CHEMICAL-CODES:

Chemical Indexing M1 *01*

Fragmentation Code

M423 M781 M903 P200 P631 Q624 V400 V406

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1998-128110